

# Time Weighted/Integrated Real Time LBMP - Zonal

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/10/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	13.27	12.28	16.92	15.40	16.13	13.61	16.19	19.05	22.53	23.30	23.81	24.75	23.98	23.99	22.16	21.71	21.40	20.50	20.68	19.40	18.90	16.61	15.53	16.70
61757	0.83	0.79	1.02	0.96	0.97	0.85	0.97	1.22	1.47	1.45	1.45	1.52	1.48	1.46	1.30	1.29	1.27	1.23	1.32	1.21	1.16	0.96	0.88	0.86
	0.00	0.00	-0.83	-0.15	-0.86	0.00	0.00	0.00	0.00	0.00	0.02	0.03	0.00	0.05	0.00	0.00	0.00	0.00	0.13	0.42	0.31	0.00	0.00	0.00
CENTRL	12.51	11.55	15.22	14.37	14.47	12.86	15.42	18.03	21.30	22.14	22.63	23.54	22.83	22.83	21.20	20.69	20.44	19.57	19.59	18.46	18.22	15.95	14.93	16.14
61754	0.07	0.06	0.05	0.06	0.06	0.10	0.20	0.20	0.25	0.29	0.28	0.32	0.33	0.33	0.34	0.27	0.30	0.29	0.31	0.31	0.39	0.30	0.28	0.30
	0.00	0.00	-0.11	-0.02	-0.11	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.00	0.08	0.00	0.00	0.00	0.00	0.22	0.45	0.22	0.00	0.00	0.00
DUNWOD	13.29	12.22	16.60	15.26	15.80	13.59	16.22	19.21	22.90	23.81	24.45	25.34	24.44	24.58	22.68	22.17	21.84	20.84	21.13	20.04	19.30	16.80	15.71	16.78
61760	0.85	0.73	0.92	0.86	0.87	0.83	1.00	1.38	1.85	1.96	2.07	2.07	1.94	1.99	1.82	1.75	1.70	1.57	1.64	1.57	1.41	1.15	1.06	0.94
	0.00	0.00	-0.61	-0.11	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.00	0.00	0.00
GENESE	12.19	11.22	14.73	13.94	14.04	12.53	15.09	17.50	20.66	21.52	22.02	22.93	22.21	22.30	20.73	20.24	20.02	19.15	19.18	18.14	17.95	15.69	14.72	15.95
61753	-0.24	-0.27	-0.41	-0.36	-0.35	-0.23	-0.13	-0.33	-0.39	-0.33	-0.34	-0.30	-0.28	-0.23	-0.13	-0.18	-0.11	-0.12	-0.15	-0.13	0.07	0.04	0.07	0.11
	0.00	0.00	-0.09	-0.02	-0.09	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.16	0.34	0.17	0.00	0.00	0.00
H Q	12.03	11.10	14.57	13.83	13.83	12.33	14.73	17.23	20.31	21.06	19.75	20.07	21.69	17.67	20.12	19.72	14.56	14.42	7.96	-2.47	8.88	15.12	14.93	15.36
61844	-0.41	-0.38	-0.49	-0.46	-0.47	-0.43	-0.49	-0.59	-0.74	-0.78	-0.81	-0.85	-0.80	-0.82	-0.75	-0.70	-0.68	-0.67	-0.72	-0.69	-0.67	-0.54	-0.51	-0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.84	2.35	0.00	4.10	0.00	0.00	4.89	4.18	10.82	20.39	8.49	0.00	-0.79	0.00
HUD VL	13.25	12.20	16.59	15.26	15.80	13.58	16.21	19.19	22.82	23.75	24.37	25.26	24.37	24.49	22.62	22.12	21.79	20.81	21.11	20.02	19.29	16.80	15.70	16.79
61758	0.81	0.71	0.92	0.86	0.87	0.82	0.99	1.36	1.77	1.91	1.99	2.00	1.87	1.91	1.76	1.70	1.65	1.54	1.61	1.55	1.41	1.14	1.04	0.95
	0.00	0.00	-0.62	-0.11	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.16	0.00	0.00	0.00
LONGIL	13.62	12.45	16.96	15.58	16.06	13.76	16.38	19.44	23.28	24.28	25.08	26.15	25.11	25.32	23.27	22.60	22.17	21.18	21.63	20.48	19.69	17.04	15.89	16.92
61762	1.18	0.96	1.28	1.18	1.13	1.00	1.17	1.62	2.23	2.43	2.69	2.89	2.61	2.73	2.41	2.18	2.04	1.91	2.14	2.01	1.80	1.39	1.24	1.08
	0.00	0.00	-0.61	-0.11	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.00	0.00	0.00
MHK VL	12.80	11.81	15.58	14.70	14.81	13.16	15.78	18.53	21.94	22.80	23.12	23.97	23.44	23.07	21.76	21.28	34.42	31.44	18.97	16.78	17.67	16.27	15.18	16.36
61756	0.37	0.32	0.41	0.39	0.40	0.40	0.57	0.70	0.89	0.95	0.96	0.99	0.94	0.98	0.89	0.86	0.86	0.81	0.83	0.81	0.78	0.62	0.53	0.52
	0.00	0.00	-0.11	-0.02	-0.11	0.00	0.00	0.00	0.00	0.00	0.23	0.28	0.00	0.50	0.00	0.00	-13.43	-11.36	1.35	2.64	1.16	0.00	0.00	0.00
MILLWD	13.27	12.21	16.59	15.26	15.80	13.59	16.21	19.21	22.90	23.82	24.45	25.35	24.44	24.58	22.68	22.18	21.84	20.86	21.15	20.06	19.32	16.81	15.72	16.78
61759	0.84	0.72	0.92	0.86	0.86	0.83	0.99	1.38	1.85	1.97	2.07	2.08	1.94	1.99	1.82	1.75	1.71	1.59	1.66	1.59	1.43	1.16	1.07	0.94
	0.00	0.00	-0.62	-0.11	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.00	0.00	0.00
N.Y.C.	13.42	12.33	16.74	15.39	15.93	13.73	16.38	19.40	23.14	23.36	21.96	25.59	24.66	24.82	22.91	22.39	22.06	21.05	21.34	20.25	19.49	16.97	15.88	16.92
61761	0.99	0.84	1.07	0.99	1.00	0.96	1.16	1.58	2.09	2.21	2.32	2.33	2.17	2.23	2.05	1.97	1.93	1.78	1.84	1.77	1.60	1.32	1.23	1.08
	0.00	0.00	-0.61	-0.11	-0.64	0.00	0.00	0.00	0.00	0.70	2.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.15	0.00	0.00	0.00
NORTH	12.07	11.14	14.62	13.86	13.83	12.33	14.79	17.34	20.42	21.17	19.95	20.30	21.71	18.16	20.16	19.84	27.78	25.71	8.96	-0.11	10.11	15.01	14.02	15.39
61755	-0.36	-0.35	-0.45	-0.43	-0.47	-0.43	-0.43	-0.49	-0.63	-0.68	-0.80	-0.86	-0.79	-0.75	-0.70	-0.58	-0.57	-0.69	-0.78	-0.75	-0.78	-0.65	-0.63	-0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	2.10	0.00	3.67	0.00	0.00	-8.21	-7.13	9.76	17.97	7.15	0.00	0.00	0.00
NPX	13.01	12.48	16.46	15.30	15.94	12.82	16.41	19.05	22.65	23.44	24.01	24.94	24.13	24.22	22.33	21.88	21.61	20.42	20.87	19.48	19.03	16.61	16.72	16.74
61845	0.81	0.73	0.94	0.88	0.89	0.77	0.92	1.22	1.59	1.59	1.62	1.68	1.64	1.63	1.47	1.46	1.40	1.29	1.37	1.24	1.19	0.99	0.92	0.90
	0.24	-0.26	-0.46	-0.13	-0.75	0.71	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	0.13	0.00	0.36	0.20	0.03	-1.14	0.00

OH 61846	11.98	11.02	14.49	13.71	13.81	12.29	14.74	16.97	20.05	21.13	21.37	22.25	21.58	21.67	20.20	19.69	19.51	33.65	34.11	33.87	17.51	28.44	14.46	17.17
	-0.46	-0.47	-0.68	-0.60	-0.60	-0.47	-0.48	-0.85	-1.00	-0.93	-0.99	-0.98	-0.92	-0.86	-0.66	-0.74	-0.62	-0.64	-0.69	-0.69	-0.38	-0.28	-0.19	-0.08
	0.00	0.00	-0.11	-0.02	-0.12	0.00	0.00	0.00	0.00	-0.20	0.03	0.03	0.00	0.06	0.00	0.00	0.00	-15.02	-15.31	-15.96	0.16	-13.07	0.00	-1.41
PJM 61847	11.40	11.67	15.65	14.57	14.89	13.00	15.54	18.59	21.66	21.55	16.62	23.95	23.18	23.25	21.56	21.03	20.78	19.85	19.95	18.85	18.49	16.15	15.91	16.27
	0.23	0.18	0.21	0.21	0.20	0.24	0.32	0.44	0.61	0.72	0.73	0.72	0.69	0.71	0.69	0.61	0.64	0.58	0.61	0.56	0.61	0.50	0.47	0.43
	1.27	0.00	-0.39	-0.07	-0.40	0.00	0.00	-0.32	0.00	1.02	6.50	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.15	0.32	0.16	0.00	-0.79	0.00
WEST 61752	12.13	11.14	14.64	13.86	13.96	12.46	14.99	17.24	20.39	21.27	21.73	22.65	21.98	22.08	20.58	20.05	19.87	18.99	19.02	17.95	17.88	15.69	14.75	16.07
	-0.30	-0.35	-0.53	-0.45	-0.44	-0.30	-0.22	-0.59	-0.66	-0.58	-0.63	-0.58	-0.52	-0.46	-0.28	-0.37	-0.27	-0.29	-0.33	-0.33	0.00	0.04	0.10	0.23
	0.00	0.00	-0.11	-0.02	-0.11	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.06	0.00	0.00	0.00	0.00	0.15	0.33	0.16	0.00	0.00	0.00